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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/006,452	11/19/2001	Paul-Marcel St-Onge	48135.0100/PS01	9377

7590 10/06/2003

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EXAMINER

GAUTHIER, GERALD

ART UNIT	PAPER NUMBER
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2645

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DATE MAILED: 10/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/006,452

Applicant(s)

ST-ONGE ET AL.

Examiner

Gerald Gauthier

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-56 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-56 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2 and 3. 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. **Claims 1-19** are rejected under 35 U.S.C. 102(b) as being anticipated by Staples et al. (US 7,764,639).

Regarding **claim 1**, Staples discloses a system for providing a remote user with a virtual presence (column 1, lines 6-11), (which reads on claimed "a system for remote access to a telephone"), the system comprising:

a communication device (102 on FIG.1) having a display, an input mechanism (104 on FIG. 2) and a web browser (The laptop inherently includes a web browser), the communication device in a location (column 4, line 23 "the remote user") remote from the telephone (column 4, lines 23-34) [The remote user preferably uses a computer to connect to the corporate office and have a virtual presence];

an information center (106 on FIG. 2) comprising;

a local area network (114 on FIG. 2) providing communication pathways within the information center (column 5, lines 8-12) [The virtual presence server also interfaces to a local area network];

a private branch exchange system (112 on FIG. 2) providing delivery of external and internal telephone calls and messaging to and from the information center (column 5, lines 36-48) [The virtual presence server connects to the corporate PBX and operates to extend PBX features to the remote users];

a web server (108 on FIG. 2) programmed to provide a web-based graphical user interface (column 16, line 66 "a graphical user interface") accessible by the communication device (column 16, lines 59-67) [The remote computer system presents a graphical user interface on the screen]; and

the telephone coupled to the local area network, the web server and the PBX system, the telephone receives, from the PBX system, information indicative of a telephone call (column 17, lines 11-22) [Personal calls are routed to the corporate office and to the telecommuter at his home]; and

a web-based communication channel (154 on FIG. 2) coupling the communication device and the information center to cause a remote access session (column 10, lines 25-37), whereby, during the session, the communication device receives the information indicative of the telephone call (column 10, lines 38-46) [The server corresponding to the LAN connection provides telephone connectivity for telephones in the branch office to receive calls and forward calls].

Regarding **claim 2**, Staples discloses wherein the telephone comprises a multi-function desktop keyset (column 4, lines 23-34).

Regarding **claim 3**, Staples discloses wherein the telephone further comprises a workstation coupled to the keyset (column 4, lines 23-34).

Regarding **claim 4**, Staples discloses wherein the communication device comprises one of a cellular phone, a portable computer, an on-premise device, a personal digital assistant or a stationary computing device (column 4, lines 23-48).

Regarding **claim 5**, Staples discloses wherein the web server comprises an authentication system (column 18, lines 42-52).

Regarding **claim 6**, Staples discloses wherein the web-based GUI comprises a web page which when accessed prompts a security protocol on the server (column 16, lines 59-67).

Regarding **claim 7**, Staples discloses wherein the security protocol comprises an authentication system (column 18, lines 42-52).

Regarding **claim 8**, Staples discloses wherein during the session, the telephone is inoperable (column 17, lines 1-10).

Regarding **claim 9**, Staples discloses wherein the telephone comprises a phantom extension (column 18, lines 42-52).

Regarding **claim 10**, Staples discloses further comprising a unified messaging server coupled to the PBX system (column 19, lines 14-25).

Regarding **claim 11**, Staples discloses further comprising a database coupled to the UMS for storing a voice mail message (column 19, lines 14-25).

Regarding **claim 12**, Staples discloses wherein the information indicative of a telephone call comprises real-time live communication (column 20, lines 50-57).

Regarding **claim 13**, Staples discloses wherein the information indicative of a telephone call comprises a voicemail message (column 20, lines 50-57).

Regarding **claim 14**, Staples discloses wherein the information comprises data to display the voicemail message on the display of the communication device (column 20, lines 50-57).

Regarding **claim 15**, Staples discloses further comprising an OAI link coupling the UMS and the PBX system (column 20, lines 36-49).

Regarding **claim 16**, Staples discloses wherein the OAI link comprises a plurality of channels (column 20, lines 36-49).

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Regarding **claim 17**, Staples discloses wherein the PBX system comprises an Internet protocol controller (column 19, lines 14-25).

Regarding **claim 18**, Staples discloses further comprising a plurality of transmission packets comprising voice channel and call control information on the local area network from the IPC (column 19, lines 26-43).

Regarding **claim 19**, Staples discloses wherein during the session, the telephone displays a notification of the inoperable state (column 24, lines 60-65).

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 20-56** are rejected under 35 U.S.C. 102(e) as being anticipated by Begeja et al. (US 6,571,094).

Regarding **claim 20**, Begeja discloses a system for remote call forwarding of telephone calls from an IP connection (column 1, lines 13-20), (which reads on claimed "a system for establishing a remote access session to an office telephone via an Internet connection"), the system comprising:

- an office center (113 on FIG. 1) comprising:

- a messaging server (column 5, line 46 "remote server") configured to receive, store and cause a textual display (column 5, line 41 "a user screen") of a telephone-related event on a display of a communication device (column 5, lines 38-52) [The remote server provides the user a web page on the user screen for activating a remote call forwarding];

- a private branch exchange system (101 on FIG. 1) receiving and delivering external and internal voice calls to and from the information center, the PBX system coupled between a public switched telephone network and the messaging server (column 8, lines 6-16) [The PBX has an inherent Internet capability to receive the information directly from the TCP/IP]; and

- a web server (110 on FIG. 1) coupled to the PBX system and the messaging server, the web server programmed to provide a website accessible (column 5, line 43 "a web page accessible from a web site") via the world wide web (column 5, lines 38-52) [The user screen comprise a web page accessible from a web site of the terminal server]; and

- a remote device (102 on FIG. 1) having a display (column 5, line 41 "a user screen"), a function key and a web browser, the remote device configured to access the

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website via the world wide web and cause a remote access session between the remote device and the information center, during the session, the remote device receiving the textual display of the event on the remote device display, the function key enabling a management of the event within the office center (column 5, lines 38-60) [The user input a feature code using a function key into the user screen for invoking remote call forwarding to the called-from a cellular phone].

Regarding **claims 21 and 32**, Begeja discloses, wherein the communication device comprises a keyset (column 5, lines 39-52).

Regarding **claims 22 and 33**, Begeja discloses, wherein the communication device further comprises a workstation coupled to the keyset (column 5, lines 39-52).

Regarding **claim 23**, Begeja discloses, wherein the remote device comprises one of a cellular phone, a portable computer, an on-premise device, a personal digital assistant or a stationary computing device (column 5, lines 39-52).

Regarding **claims 24 and 42**, Begeja discloses an OAI link between the messaging server and the PBX system (column 6, lines 24-37).

Regarding **claims 25 and 43**, Begeja discloses wherein the OAI link comprises a plurality of channels (column 6, lines 24-37).

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Regarding **claim 26**, Begeja discloses wherein information transmitted on the OAI link is compressed (column 6, lines 24-37).

Regarding **claims 27, 48 and 49**, Begeja discloses wherein the event comprises a voice mail message (column 6, lines 38-56).

Regarding **claim 28**, Begeja discloses, wherein the event comprises a real-time telephone call (column 5, lines 54-61).

Regarding **claim 29**, Begeja discloses wherein the web site comprises a visual selection corresponding to the information center and upon selection, a bi-directional path is established between the remote communication device and the messaging server (column 6, lines 38-56).

Regarding **claim 30**, Begeja discloses a command from the message server to the PBX system to disable the communication device within the information center (column 6, lines 38-56).

Regarding **claim 31**, Begeja discloses a system for remote call forwarding of telephone calls from an IP connection (column 1, lines 13-20), (which reads on claimed "a system for establishing a remote access session to an office telephone via an Internet connection"), the system comprising:

- an office center (113 on FIG. 1) comprising:

- a web server (110 on FIG. 1) having a protocol conversion software stored thereon (column 5, lines 38-52) [The user screen comprise a web page accessible from a web site of the terminal server];

- a network (109 on FIG. 1) providing communication pathways within the office center (column 5, lines 3-10);

- a private branch exchange system (101 on FIG. 1) having a plurality of station ports and configured to receive and deliver a telephone call to the office telephone via at least one of the ports (column 8, lines 6-16) [The PBX has an inherent Internet capability to receive the information directly from the TCP/IP];
- and

- an Internet protocol controller (111 on FIG. 1) coupled to the PBX system and configured to translate telephone-related information relating to the office telephone into one or more packets for transmission over the network to the web server (column 8, lines 6-16) [The PBX has an inherent Internet capability to receive the information directly from the TCP/IP]; and

- a web-compliant portable communication device (103 on FIG. 1) having a display and a web browser, the web browser having a conversion software for bi-directional

conversion of data transceived between the portable communication device and the web server during the session, whereby, the portable communication device couples to the network and to one of the ports and receives the telephone call in real-time (column 8, lines 26-34).

Regarding **claim 34**, Begeja discloses wherein the packets comprise compressed speech and text (column 6, lines 57-67).

Regarding **claim 35**, Begeja discloses wherein the IPC comprises a plurality of appearances corresponding to an equal number of office telephones (column 8, lines 35-64).

Regarding **claim 36**, Begeja discloses, wherein the IPC comprises appearances (column 8, lines 26-34).

Regarding **claim 37**, Begeja discloses wherein the conversion software on the web browser downloaded from the web server to the portable communication device (column 8, lines 26-34).

Regarding **claim 38**, Begeja discloses wherein the office telephone comprises a phantom extension (column 10, lines 11-32).

Regarding **claim 39**, Begeja discloses a system for remote call forwarding of telephone calls from an IP connection (column 1, lines 13-20), (which reads on claimed “a method for remote access to a telephone coupled to an office information center”), the method comprising the steps of:

establishing a communications link (column 5, line 59 “remote call forwarding”) between a remote client and the world-wide-web (column 5, lines 54-61) [The user input a feature code in the screen to invoke the call forwarding];

displaying a web page on the remote client (column 5, lines 38-52) [The user screen comprise a web page accessible from a web site of the terminal server];

from the web page, establishing a communications link to a port of a private branch exchange system (101 on FIG. 1) of the office information center, the port corresponding to a pre-existing link to the telephone (column 8, lines 6-16) [The PBX has an inherent Internet capability to receive the information directly from the TCP/IP];

constructing a web page model of the telephone, the web page model comprising a representation of a plurality of functions available on the telephone (column 5, lines 38-52) [The user screen comprise a web page accessible from a web site of the terminal server];

coupling a telephone-related event from the PBX to the remote client (column 5, lines 54-61);

terminating the communications links between the remote client and the office information center (column 10, lines 11-32); and

updating the telephone functions in accordance with any alterations made by the remote client (column 10, lines 11-32).

Regarding **claim 40**, Begeja discloses, wherein access to the telephone comprises accesses to one of a keyset, a workstation coupled to a keyset, or a phantom extension (column 10, lines 11-32).

Regarding **claims 41 and 46**, Begeja discloses wherein the step of establishing a communications link to a port of the PBX system comprises the steps of:

establishing a communications link to a messaging server of the office information center (column 10, lines 11-32); and

establishing a link between the messaging server and the PBX system (column 10, lines 11-32).

Regarding **claim 44**, Begeja discloses further comprising the step of compressing data representative of the incoming call prior to routing the call to the remote client (column 9, lines 29-59).

Regarding **claim 45**, Begeja discloses further comprising the step of establishing a link to a web page server having the web page stored thereon (column 5, lines 38-52).

Regarding **claim 47**, Begeja discloses further comprising the step of translating the incoming call to a packet for transmission (column 6, lines 57-67).

Regarding **claim 50**, Begeja discloses further comprising the step of displaying on a display of the telephone a notification that the telephone is disabled (column 10, lines 11-32).

Regarding **claim 51**, Begeja discloses further comprising the step of determining the type of remote client prior to displaying the web page (column 5, lines 39-52).

Regarding **claim 52**, Begeja discloses, further comprising the step of authenticating the remote client (column 9, lines 13-28).

Regarding **claim 53**, Begeja discloses wherein the step of establishing a communications link between the remote client and the world-wide-web comprises activating a pre-programmed function key on the remote client (column 5, lines 39-52).

Regarding **claim 54**, Begeja discloses further comprising the step of disabling the plurality of functions available on the telephone and enabling the remote client to manage the functions (column 10, lines 11-32).

Regarding **claim 55**, Begeja discloses further comprising the step of restoring the port link to the telephone (column 10, lines 11-32).

Regarding **claim 56**, Begeja discloses wherein the coupling step comprises an incoming call received at the PBX (column 5, lines 11-24).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Haack is cited for telecommunications apparatus (FIG. 1).

Galvin et al. is cited for a virtual PBX (FIG. 1).

Sprague is cited for a virtual people networking (FIG. 1).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gerald Gauthier whose telephone number is (703) 305-0981. The examiner can normally be reached on 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (703) 305-4895. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.



g.g.

September 30, 2003

FAN TSANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

